

CABLE TERMINAL WITH CONTACT PINS INCLUDING ELECTRICAL COMPONENTS

Abstract

A cable terminal or connector has several electrical probes. Each probe has a conductive sleeve defining a bore, with a probe pin received in the bore. The probe pin has a free end contact tip extending in a first direction beyond the periphery of a circuit board supporting the sleeves, with the probe pin being biased in the first direction. The probe pin includes an electrical component near the tip. The component may be a resistor and capacitor arranged in parallel, and providing the sole electrical communication between the first and second portions. The component may be mounted between flanges on each of the first and second components, and enclosed in a sleeve connected to the flanges. The second portion with the tip is relatively short compared to other components and dimensions of the probe and connector.

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